

Hose Clamps

Hi-Torque Clamps

20566



- All purpose hose clamps are made to fit every application—automotive, marine, industry, plumbing and heavy equipment
- Guaranteed to withstand 150 in./lbs. screw torque
- Manufactured with the finest stainless steel band and housing for maximum protection against rust and corrosion

Part No.	Min. (In.)	Max. (In.)	Unit
KP61025	1 1/4	2 3/8	25
KP61026	2 1/8	4 1/8	25
KP61028	6 1/8	9	10

Heavy-Duty Large Spring T-Bolt Clamps

4397



- 1/4"-28 UNF-2A x 3-1/2" length steel-plated T-bolt
- 7/8"-diameter plated steel spring
- Band size: 3/4" wide x .025" thick
- 301 stainless steel floating bridge liner, trunnion and band

Part No.	Diameter			Unit
	Min. (In.)	Nom. (In.)	Max. (In.)	
9921	3.13	3.25	3.44	5
9924	4.13	4.25	4.44	5
9925	6.38	6.50	6.69	5

Two-Ear Hose Clamps

1778



- Formed from steel tubing
- Zinc plated
- Unit 10

Part No.	Nom. Size (In.)	Closed-Open (In.)	Width mm	Inch	mm
-24049-1/4	1/4	.197-.276	5-7	.236	6.0
-24049-5/16	5/16	.276-.354	7-9	.276	7.0
-24049-3/8	3/8	.315-.433	8-11	.276	7.0
-24049-1/2	1/2	.433-.512	11-13	.276	7.0
-24049-9/16	9/16	.512-.591	13-15	.295	7.5
-24049-1932	1 1/32	.591-.669	15-17	.315	8.0
-24049-5/8	5/8	.591-.708	15-18	.315	8.0
-24049-3/4	3/4	.669-.787	17-20	.335	8.5
-24049-1316	1 1/16	.748-.866	19-22	.354	9.0
-24049-7/8	7/8	.787-.905	20-23	.354	9.0
-24049-1	1	.905-1.063	23-27	.394	10.0
-24049-1516	1 1/8	1.220-1.339	31-34	.394	10.0

NOTE: Select nominal clamp size nearest to, but always larger than, O.D. of material to be clamped after insert has been fitted.

Spring Action Hose Clamps

20978

- Spring steel, heat treated phosphate and paint

Part No.	Hose O.D.	Color	Max. Dia. Clamp in Free Position	Width	Unit
KP554355	3/8	Black	.321	3/16	100
KP554356	1/2	Green	.405	3/16	100
KP554359	5/8	Olive	.583	3/16	100
KP554360	1 1/16	Red	.655	3/16	100
KP554361	3/4	Black	.645	3/8	100

Straight Jaw Pincers

6191



- For installation of two-ear hose clamps part numbers 24049-1/4 through 24049-15/16

Part No.	Description	Unit
24049	Jaw Pliers	1

Pinch-Tite Hose Clamps

20565

One Ear



- Tin plated carbon steel
- Easy installation using KP80363 installer
- Inside diameter is marked on every clamp
- Perfect for filters, cooling systems and vacuum lines
- Made in the U.S.A.

Part No.	Nominal Size	Closed -Open I.D.	Unit
KP79686	1/2	.468 - .545	50
KP65530	3/16	.515 - .590	50
KP79687	3/8	.603 - .680	25
KP79688	3/4	.690 - .775	25

Band-It Jr.® Preformed Clamps

1803



- Stainless steel type 201
- Vibration resistant
- Requires no hammering or crimping; automatically locks under full tension in one simple lever movement

Part No.	Clamp I.D. (In.)	Band Width (In.)	Band Thick. (In.)	Unit
24044	3/4	1/4	.020	10
24045	1	3/8	.025	10
24046	1	1/2	.030	10
24047	1 1/2	1/4	.020	10
24048	4	3/4	.030	10

Band-It Jr.® Preformed Clamps

1806



- Galvanized carbon steel
- Vibration resistant
- Requires no hammering or crimping; automatically locks under full tension in one simple lever movement

Part No.	Clamp I.D. (In.)	Band Width (In.)	Band Thick. (In.)	Unit
24052	1 3/8	3/8	.025	10
24053	1 7/8	3/8	.025	10
24054	1 3/4	5/8	.025	10

Installation Tools for Band-It Jr.® Style Clamps

1807

- Band-It Jr.® preformed clamps are applied with the Jr.® tool; the 1/4" and 3/8" width clamps may also be applied with the Pok-It II tool and the Thriftool®



Instructions for The Jr.® Tool (Part No. 24057):

1. Pull band from carton as needed. This eliminates waste. Slide buckle on band (ears of buckle away from operator). Bring end of band around object being clamped and again through buckle. Continue band around object once again and through buckle. Double banding develops more radial compression than single banding. Bend end of band under buckle.

Part No.	Description	Unit
24057	The Jr.® Tool Used to Install Band-It Jr.® Clamps (Bowman Nos. 24044 & 24052 series)	1



Part No.	Description	Unit
24058	Pok-It Tool II Used to install 1/4" & 3/8" widths Band-It Jr.® Clamps	1



Part No.	Description	Unit
24059	Thriftool® Used to Install 1/4" & 3/8" widths Band-It Jr.® Clamps	1

J
221

Vehicle

Vendor Stocked

Page G-1

Page H-1

Page I-1

Page J-1

Page K-1

Page L-1

Page M-1

Page N-1

Page O-1

MATERIAL HANDLING/
HARDWARE/RUBBER

TOOLS &
ABRASIVES

ELECTRICAL

VEHICLE

SECURITY
PRODUCTS

WELDING

TECHNICAL
DATA

ALPHA
INDEX

PART NO.
INDEX

Hose Clamps

Punch-Lok® Clamp Kit

- Complete kit contains 44 clamps from 13/16" to 4" diameter, and both 3/8" and 5/8" band widths
- Also contains 1 ratchet wrench tool for installing clamps
- Clamps are preformed to a given diameter, ready to use
- Clamps are made of high carbon electro-galvanized steel



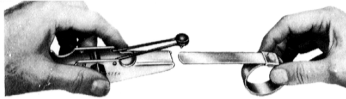
Kit
NO. KP84181
UNIT: 1

Standard Clamp Tool

NO. KP84191

UNIT: 1

No. KP84191 Ratchet Wrench Tool for applying standard Punch-Lok® clamps anywhere weighs less than one pound. Excellent for confined working areas and for on-job repair and replacement work. 3/8" wide clamps fit narrow slot end; 5/8" wide clamps fit wide slot end. Punch is moveable to either end. Ratchet wrench, supplied with tool, tightens clamp and provides convenient hold position while punching.



1. **INSERT CLAMP.** Put clamp end all the way into end of tool. Use narrow-slot end for 3/8" wide clamps.



2. **ENGAGE WINDER.** Place the wrench winder into frame with clamp end through the winder slot.

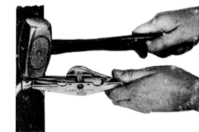


3. **TIGHTEN CLAMP.** Obtain required tension on clamp by pushing forward on wrench handle with sufficient strokes.

CAUTION: Do not allow the wrench winder to disengage sides of frame.

Replacement Clamps

ITEM NO.	I.D. (INCHES)	BAND WIDTH (INCHES)	UNIT
KP84182	13/16	3/8	8
KP84183	1-3/8	3/8	8
KP84184	1	5/8	4
KP84185	1-1/4	5/8	4
KP84186	1-1/2	5/8	4
KP84187	2	5/8	4
KP84188	2-1/2	5/8	4
KP84189	3	5/8	4
KP84190	4	5/8	4



4. **LOCK.** With hose resting on a solid surface, and punch pushed down on lock, strike a firm blow on punch with mallet to lock clamp.



5. **REMOVE TOOL.** Holding tension with wrench as shown, bring frame forward and up against edge of lock to break off tail piece. Smooth lock corners with mallet. To remove tail piece, turn winder to free tail piece from slot end, then reverse ratchet lever and take out wrench winder.

J
222

Vehicle

Vendor Stocked

Page A-1

**ASSORTMENTS
& CABINETRY**

Page B-1

FASTENERS

Page C-1

FITTINGS & HOSE

Page D-1

CHEMICALS

Page E-1

**MAINTENANCE &
SHOP SUPPLIES**

Page F-1

SAFETY SUPPLIES

PUNCH-LOK® CLAMP TOOLS

No. KP84192 Locking Tool is designed for fast, economical application of Punch-Lok® clamps in hose assembly and shop use, maintenance and repairs on job site. Weighs only 2-1/2 pounds. Drop forged and plated tempered steel construction. Comfortable ball handle for tensioning clamps. No. KP84193 Adapter fits under pusher nose to apply 3/8" clamps.

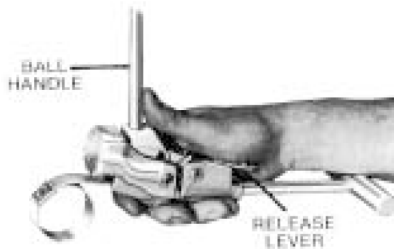
Applications:

- Splicing hose, rope, or cable
- Pneumatic and low pressure hydraulic hose repair
- Fastening conduit to pipe
- Anywhere strong leakproof connections are vital

**LOCKING TOOL
NO. KP84192**
UNIT: 1



**ADAPTER
NO. KP84193**
UNIT: 1



1. INSERT CLAMP. Place ball handle fully forward. Holding tool as shown, insert Punch-Lok® clamp end all the way into tool, with lock held in pusher housing jaws.

2. POSITION HOSE. Insert nipple in hose. Slide hose into clamp directly above groove. Allowing hose to turn freely, tighten the clamp with ball handle, using downward strokes. When the initial slack is taken up, use shorter strokes to complete the tightening with ball handle in down position as shown.

3. LOCK CLAMP. With clamp resting on a surface, and tool held as shown, strike the punch head a hard blow with mallet to lock the clamp. Lift punch head away from clamp. To free the tool, grasp hose firmly to prevent turning, then lift both handles of tool together, which will break band off at lock. Smooth lock corners with mallet. To clear cut-off end of clamp from tool, work it through the holding dog by operating ball handle. Next, press release lever and pull strip out toward rear of tool.

IMPORTANT. If bench adapter is used with locking tool, break off the band at lock by twisting the hose.

J
223

Vehicle

Vendor Stocked

Page G-1

Page H-1

Page I-1

Page J-1

Page K-1

Page L-1

Page M-1

Page N-1

Page O-1

MATERIAL HANDLING/
HARDWARE/RUBBER

TOOLS &
ABRASIVES

ELECTRICAL

VEHICLE

SECURITY
PRODUCTS

WELDING

TECHNICAL
DATA

ALPHA
INDEX

PART NO.
INDEX

Hose Clamps

Constant-Torque® Worm Gear Clamps

1825

Designed for Applications Where Dramatic Temperature Changes Are a Concern



- All component parts made of stainless steel
- Band 5/8" wide
- Precision ground slots
- Unique belleville spring system — automatically compensates torque factors; maintains proper clamping force during dramatic temperature changes
- Extra long screw length — allows eight screw threads to be engaged at once; for high torque drive and vibration resistance
- Inner liner protects hose from damage, extrusion or shear
- Recommended installation 90-100 in/lbs
- Markets: Marine, Industrial Maintenance where high heat exists, non-spark applications, fleet and automotive

Part No.	Effective Range		Breeze No.	Unit
	Min.	Max.		
24166	1 (25mm)	1 1/4 (45mm)	CT-175L-SS	10
-24166-1	1 1/4 (32mm)	2 (54mm)	CT-200L-SS	10
24167	1 1/4 (45mm)	2 (67mm)	CT-250L-SS	10
24168	2 (57mm)	3 (79mm)	CT-300L-SS	10
24169	2 1/4 (70mm)	3 (92mm)	CT-350L-SS	10
24170	3 (83mm)	4 (105mm)	CT-400L-SS	10
24171	3 3/4 (95mm)	4 (118mm)	CT-450L-SS	10
24191	4 (108mm)	5 (130mm)	CT-500L-SS	10
24192	4 1/4 (121mm)	5 (143mm)	CT-550L-SS	10
24193	5 (133mm)	6 (156mm)	CT-600L-SS	10
24194	5 1/4 (146mm)	6 (168mm)	CT-650L-SS	10
24195	6 (159mm)	7 (181mm)	CT-700L-SS	10
24196	6 1/4 (172mm)	7 (194mm)	CT-750L-SS	10
24198	7 1/4 (197mm)	8 (219mm)	CT-850L-SS	10

Constant-Torque® Worm Gear Clamps

1836



- 304 stainless steel 5/8" wide band, housing and saddle
- Plated carbon steel screw
- Unique belleville spring system — automatically compensates torque factors; maintains proper clamping force during dramatic temperature changes
- Extra long screw length — allows eight screw threads to be engaged at once; for high torque drive and vibration resistance
- Inner liner on all clamps protects hose from damage, extrusion or shear
- Recommended installation torque: 90-100 inch/lbs.
- OE approved and fleet specified for all soft/silicone hose applications and some turbo-charge-air cooling system connections
- Markets: trucks and tractors; offroad farm equipment, transit buses, motor coaches, school buses autos, pick-ups, vans, diesel and gasoline engines

Make-A-Clamp® Perforated Band & Band Splice Refill Kit

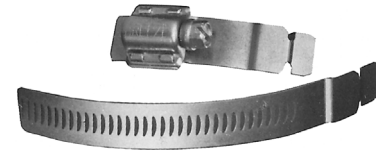
1781



Part No.	Contents	Unit
-24172-2	50 ft. of perforated band 5 band splices	1

Make-A-Clamp® Screw Housing & Slotted Fastener Kit

1782



Part No.	Contents	Unit
-24172-1	10 screw housings 10 slotted fasteners	1

Make-A-Clamp® Kit & Replacement Parts

20567



- Make any diameter worm gear clamp from 2" up
- Stainless steel construction protect against corrosion
- Make-a-Clamp Kit contains: 100 ft. of banding, 25 fasteners, 25 serrated fasteners, 25 screw housing fasteners

Part No.	Contents	Unit
KP68840	Make-A-Clamp Kit	1



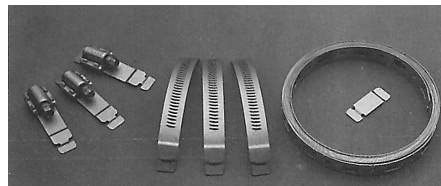
- 100 ft. roll

Part No.	Contents	Unit
KP68842	Make-a-Clamp Banding	1

Make-A-Clamp® Worm Gear Clamp Kit

1780

Designed for custom making extra large round or irregular shaped clamps



- Stainless steel band, 1/2" wide
- Stainless steel, riveted screw housing
- Stainless steel, slotted hex head screw
- Precision ground slots

Part No.	Contents	Unit
24172	8 1/2 ft. of perforated band 3 screw housings 3 slotted fasteners 3 band splices	1

Vendor Stocked

Page A-1

Page B-1

Page C-1

Page D-1

Page E-1

Page F-1

ASSORTMENTS
& CABINETS

FASTENERS

FITTINGS & HOSE

CHEMICALS

MAINTENANCE &
SHOP SUPPLIES

SAFETY SUPPLIES

J
224

Vehicle

Hose Clamps/Air Brake

Band Clamps For Clamping CV Joint Boots

1783



- Stainless steel
- Install with band clamp tool Part No. 24059
- Part No. 24165 replaces GM No. 7800851

Part No.	Width (In.)	Length (In.)	Max. Clamp Dia. (In.)	Unit
24164	1/4	16	5	25
24165	1/4	34	10	10

Air Brake

Gladhand Hose Coupler

4498



- Universal type
- Malleable cast iron
- 1/2-14 F.P.T.
- Self-locking
- Complete with seals
- For hose connector with hose guard, use part no. 2102
- Replaces Velvac No. 035001

Part No.	Description	Unit
2100	Gladhand Hose Coupler	4
81263	Gladhand w/Coupler	1

Gladhand Hose Coupler

4499



- Polarized
- Deluxe type
- Aluminum alloy
- 1/2-14 F.P.T.
- Stop boss cast into coupler; prevents coupling of polarized emergency gladhand to polarized service gladhand
- Replaces Midland Nos. 11451 and 11452
- Replaces Velvac Nos. 035003 and 035004
- Replaces Tramec 36201 and 36101

Part No.	Description	Unit
-2155-E	Emergency (Red)	4
-2155-S	Standard (Blue)	4
81260	Service - w/Seal	1
81261	Emergency - w/Seal	1
81262	Universal - w/Seal	1

Bracket Mount Gladhand Couplers

21342



- Mounts on trailer
- Lightweight aluminum construction
- 1/2 " ports

Part No.	Description	Unit
KP75934	Service Coupler	1
KP75935	Emergency Coupler	1

Gladhand with Shut Off Valves

21343



- Service Gladhand with Shut Off Cock (Blue)

Part No.	Description	Unit
KP79647	Gladhands W/Shut Off Valves	1

- Emergency Gladhand with Shut Off Cock (Red)

Part No.	Description	Unit
KP79648	Gladhands W/Shut Off Valves	1

NOTE:

For use on tandems (double trailers) only; federal law prohibits use on tractor to trailer installations

Gladhand Hose Coupler

4500

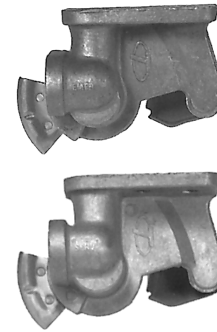


- Non-polarized
- Deluxe type
- Aluminum alloy
- 1/2-14 F.P.T.
- Will couple with any polarized gladhand
- Completely interchangeable with older and other designs
- Replaces Midland No. 11450
- Replaces Tramec 36301

Part No.	Description	Unit
2155	Gladhand Hose Coupler	4

Aluminum Gladhands

4636



- 15° mount
- Furnished with 3/8" pipe plug
- Impregnated for air tightness
- Two mounting holes .34 diameter (1" vertical; 1/4" offset)
- For 1/2"-14 NPTF fitting

Part No.	Type	Unit
-2158-E	Emergency	1
-2158-S	Service	1

Gladhand Seals

4502



- Polyurethane material; longer lasting and more durable than the standard rubber glad hand seal
- Will not crack, tear or dry out; reduces maintenance costs and downtime
- Reverse tapered seal eliminates air leaks caused by seal lip fold-over
- Color coding eliminates hook-up error

Part No.	Color	Unit
2168	Red	20
2169	Blue	20
81265	Red	25
81267	Blue	25
81268	Black	25
81269	Black	100

Gladhand Coupling Seal-

14859

- Used with universal gladhand couplings.



Part No.	Description	Unit
C8860663	Gladhand Coupling Seal	10

J
225

Vehicle

Vendor Stocked

Page G-1

Page H-1

Page I-1

Page J-1

Page K-1

Page L-1

Page M-1

Page N-1

Page O-1

MATERIAL HANDLING/
HARDWARE/RUBBER

TOOLS &
ABRASIVES

ELECTRICAL

VEHICLE

SECURITY
PRODUCTS

WELDING

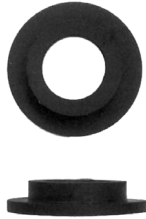
TECHNICAL
DATA

ALPHA
INDEX

PART NO.
INDEX

Air Brake

Gladhand Seals



- Standard type
- Buna-N-Polymer
- Replaces Midland No. 10029

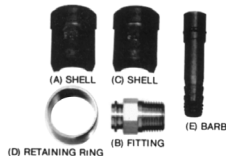
Part No.	Description	Unit
2157	Gladhand Seals	20

Air Brake-End Fitting Repair Kits

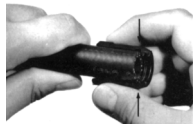
Installation Procedure for End Fitting Kits

- Step 1.** Disassemble Kit.
- Step 2.** Position hose end on Shell (A) flush with groove (see arrows)
- Step 3.** Insert FITTING (B) into groove and position SHELL (C) opposite SHELL (A).
- Step 4.** With assembly in hand, squeeze forward ends of shells and push and twist RETAINING RING (D) over shells to its final position as shown by arrows.
- Step 5.** Insert BARB (E) into fitting. (Threaded end of barb should be greased.) Push and turn to start threads. Using a 5/16" hexagon key continue to push and turn until the barb is flush inside the fitting. **NOTE:** Check final assembly visually to ensure that hose has not shifted position during assembly.

J
226



Step 1



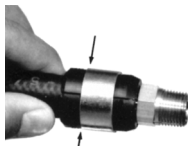
Step 2



Step 3



Step 4



Step 4



Step 5

Vendor Stocked

Page A-1

ASSORTMENTS
& CABINETS

Page B-1

FASTENERS

Page C-1

FITTINGS & HOSE

Page D-1

CHEMICALS

Page E-1

MAINTENANCE &
SHOP SUPPLIES

Page F-1

SAFETY SUPPLIES

4503

Hose End Fitting Assembly Kit

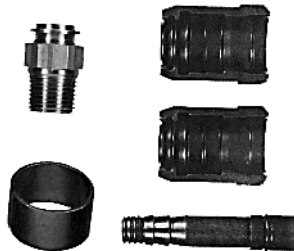


- For DOT 106 and SAE J1402 air brake hose
- Includes: two 1/2" NPTF brass swivel fittings; two 5/16" hex head nylon bars for 3/8" I.D. air brake hose (Type AS, AI and All); four nylon shells; two brass retaining rings; instructions

Part No.	Description	Unit
-2112-3	End Fitting Assembly Kit	1 Kit

Hose End Fitting Assembly Kit

4485



- For DOT 106 and SAE J1402 air brake hose
- Includes: two 3/8" NPTF brass swivel fittings; two 5/16" hex head nylon bars for 3/8" I.D. air brake hose (Type AS, AI and All); four nylon shells; two brass retaining rings; instructions

Part No.	Description	Unit
-2112-2	End Fitting Assembly Kit	1 Kit

Air Brake Hose

Heavy-Duty Air Brake Hose Assemblies

4644



- With assembled fittings NPTF sizes
- Both ends swivel
- 125 psi Maximum working pressure
- 200 psi proof test pressure
- Meets DOT spec FMVSS 571.106 Type II and SAE J1402

For 3/8" I.D. Hose

Part No.	Pipe Thread on Both Ends	Length (In.)	Unit
-11216-24	3/8-18	24	1

Air Brake Hose (SAE J1402 Type A)

4415



Pressure:

Maximum working pressure 125 psi; proof test pressure 200 psi

Temperature:

-40° F to 200° F

Inner Tube:

Synthetic rubber

Reinforcement:

Two fiber braids

Cover:

Synthetic rubber (perforated)

Specifications:

Comm. version MIL-H-3992 Type 1 Class; meets DOT FMVSS 571.106 Type II Penn. State approved

Typical Applications:

Air brake hose lines

Hydraulic Applications:

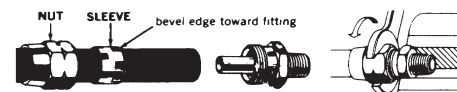
Maximum continuous operating temperature 200°F, maximum intermittent temperature 250°F; temperature in excess of 250°F will shorten hose life

Air and Water Applications:

Maximum continuous temperature 160°F to 180°F depending on application

Assembly Instructions

1. Slide nut sleeve onto hose. Make sure beveled edge of sleeve faces out toward fitting.
2. Push hose into fitting until it bottoms.
3. Tighten nut down all the way.

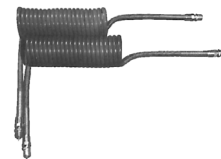


Part No.	Hose I.D. x Hose O.D. (In.)	Ind. Dash No.	Min. Burst Press. (psi)	Min. Bend Radius (In.)	Feet Per Roll
11253	3/8	-6	900	1 3/4	50
11254	3/8	-6	900	1 3/4	250
11255	1/2	-8	900	2	50

Unit is one roll

Coiled Nylon Tubing Kit

4445

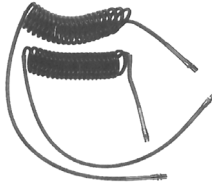


- 1/2" OD — SAE J884C type 3B tubing
- 12" leads
- Working length of 12 to 15 feet
- Replaces Parker No. 731516-12

Part No.	Description	Unit
10790	Coiled Nylon Tubing Kit	1

Coiled Nylon Tubing Kit

4446



- 1/2" OD — SAE J884C type 3B tubing
- 40" valve tail on one end; 12" lead on other end
- Retractable and extendible
- Kit consists of:
 - One red line with fittings
 - One blue line with fittings
- Working length of 12 to 15 feet
- Replaces Parker No. 731522-40

Part No.	Description	Unit
10789	Coiled Nylon Tubing Kit	1

Air Brake-Extruded Fittings

Sleeves

4420



Part No.	Industry No.	Hose I.D. (In.)	Unit
2015	-6	3/8	10
-2015-1	-8	1/2	10

Nuts

4421

For Spring Guard, Sleeve Type

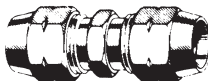


Part No.	Ind. Dash No.	Hose I.D. (In.)	Unit
2020	-6	3/8	10
-2020-1	-8	1/2	10

Hose Menders

4422

Sleeve Type



Part No.	Hose I.D. (In.)	Ind. Dash No.	Unit
2105	1/2	-8	5

Nuts

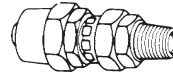


Part No.	Hose I.D. (In.)	Ind. Dash No.	Unit
2019	3/8	-6	10
-2019-1	1/2	-8	10

Connectors

Complete with Sleeve

4423



Part No.	Hose I.D. (In.)	Ind. Dash No.	Hose I.D. (In.)	Ind. Dash No.	Unit
2114	1/4	-4	3/8	-6	4
-2114-1	3/8	-6	1/2	-8	4

Connectors

4424



Part No.	Pipe Thd. (In.)	Ind. Dash No.	Hose I.D. (In.)	Ind. Dash No.	Unit
2104	1/2	-8	3/8	-6	5
2111	1/4	-4	3/8	-6	5
2113	3/8	-6	3/8	-6	5
-2113-1	3/8	-6	1/2	-8	5
-2113-2	1/2	-8	1/2	-8	5

Connectors

4425

With Spring Guard



Part No.	Pipe Thd. (In.)	Ind. Dash No.	Hose I.D. (In.)	Ind. Dash No.	Unit
2102	1/2	-8	3/8	-6	5
-2104-1	1/2	-8	1/2	-8	5
2103	1/4	-4	3/8	-6	5
C8816066	3/8	-6	1/2	-8	5
2112	3/8	-6	3/8	-8	5

Inserts

4426



Part No.	Pipe Thd. (In.)	Ind. Dash No.	Hose I.D. (In.)	Ind. Dash No.	Unit
2117	1/4-18	-4	3/8	-6	5
2118	3/8-18	-6	3/8	-6	5
2119	1/2-18	-8	3/8	-6	5
2129	3/8-18	-6	1/2	-8	2
-2129-1	1/2-18	-8	1/2	-8	2

Adapters

4434



Part No.	Pipe Thd. (In.)	Ind. Dash No.	Hose I.D. (In.)	Ind. Dash No.	Unit
2106	1/4	-4	3/8	-6	5
2107	3/8	-6	3/8	-6	5
2108	3/8	-6	1/2	-8	5
2109	1/2	-8	1/2	-8	5

Spring Guards

4435



- Brass
- For air brake nut used on sleeve type fittings

Part No.	Hose I.D. (In.)	Ind. Dash No.	Use with Nut No.	Unit
2021	3/8	-6	2020	5
-2021-1	1/2	-8	2020-1	5

Air Brake Miscellaneous

4447

Diaphragms



- Fresh dated
- Neoprene and nylon
- Constructed to resist ozones, oils and extremely high and low temperature ranges

Part No.	Effec. Area (Sq. In.)	Thermoid No.	B.W. No. (Rubber)	Midland No.
2143	5 1/16	12	7-612	234226
2159	7	24	7-624	234100
2160	7 13/16	30	7-630	234101

Part No.	Wagner No.	Neoprene	Berg No.	Velvac No.	Unit
2143	AD-17544		1812	25B-5-1/2	6
2159	AD-17546		1824	25B-7	6
2160	AE-17547		1830	25B-8	6

J
227

Vehicle

Vendor Stocked

Page G-1

Page H-1

Page I-1

Page J-1

Page K-1

Page L-1

Page M-1

Page N-1

Page O-1

MATERIAL HANDLING/
HARDWARE/RUBBER

TOOLS &
ABRASIVES

ELECTRICAL

VEHICLE

SECURITY
PRODUCTS

WELDING

TECHNICAL
DATA

ALPHA
INDEX

PART NO.
INDEX

Air Brake

Air Tank Drain Valve

4448



- 1/4-18 NPTF
- With five-foot remote cable
- Automatically closes drain
- Replaces Berg No. 12105

Part No.	Description	Unit
2421	Air Tank Drain Valve	1

Hose Holder

4449



- Two-hole
- Two eye bolt and lock nut
- Molded plastic
- Replaces Midland No. 11541

Part No.	Description	Unit
2153	Hose Holder	10

Hose Holder

4450



- Three-hole
- Two eye bolts and lock nuts
- Molded plastic
- Replaces Midland No. 11543

Part No.	Description	Unit
2154	Hose Holder	10

Hose & Cable Support Clamp Kit

4643

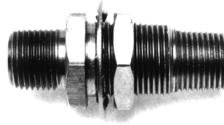


- For 3/8" I.D. hose and truck connector cable
- Includes three-hole molded plastic or rubber hose and cable holder, U-bolt with nuts, and eye bolt with nut

Part No.	Description	Unit
-2488-1	Hose & Cable Support Clamp Kit	1 Kit

Hose Frame Nipples

14882



Use these quality connectors for maximum integrity.

Part No.	(In.)	(In.)	(In.)	OA (In.)	Unit
C966282	1 x 14 SAE	¼ FPT	½ MPT	2½	1
C966286	¾ x 16 SAE	¼ FPT	½ MPT	1½	1

Manual Valve

14878



For use on wet or dry tanks, this valve allows easy draining of reservoirs. ¼ in. pipe thread.

Part No.	Cable L	Berg #	Unit
2420	4 Fl.	12104	1
2421	5 Fl.	12105	1

Brass Tank Valve

14879



Used to pressurize the air brake fill tank, this valve's OAL is ¾", base thread is ½ in. NPT, PSI 0-200 with a 300 peak.

Part No.	Unit
C966236	1

Tractor Trailer Hose Spacers/Hanger Clamps

4634



- For air hose
- Made of plastic or nylon material for added low temperature and impact resistance

Part No.	Hose I.D. (In.)	Unit
-2153-1	¾ x ¾	25
-2153-2	½ x ½	25
-2153-3	½ x ¾	25

Swivel Tubing Adapters

4631

- Brass swivel adapters convert 3/8" NPTF to nylon air brake connectors for both 3/8" and 1/2" O.D. to prevent twisting the tubing and reduces replacement time



2112-4

Part No.	Tube Size (In.)	Swivel End Size NPTF (In.)	Tube Threads	Swivel Fitting Type	Unit
-2112-4	¾	¾	17/32-24	Straight	5



2112-5

Part No.	Tube Size (In.)	Swivel End Size NPTF (In.)	Tube Threads	Swivel Fitting Type	Unit
-2112-5	½	¾	11/16-20	Straight	5
-2112-6	¾	¾	17/32-24	45°	5
-2112-7	½	½	11/16-20	45°	5

Swivel Stick (Pogo Stick)

4640



- 7/16-20 x 2"
- For tractor trailer trucks
- 40" swivel arm pivots at base
- Forged steel mounting stud

Part No.	Description	Unit
-2177	Swivel Stick (Pogo Stick)	1

Glad Hand & Seven-Way Connector Holder

4635



- Can be mounted to truck cab or swivel stick (pogo stick)
- Nylon material
- Hardware not included

Part No.	Description	Unit
-2155-H	Glad Hand & Seven Way Connector Holder	1

Vendor Stocked

Page A-1

ASSORTMENTS
& CABINETRY

Page B-1

FASTENERS

Page C-1

FITTINGS & HOSE

Page D-1

CHEMICALS

Page E-1

MAINTENANCE &
SHOP SUPPLIES

Page F-1

SAFETY SUPPLIES

Air Brake/Air Conditioning-Automotive

Air Compressor Discharge Hose 4504



- Teflon type
- 5/8" hose I.D. — 5/8" tube size
- Eliminates tubing failures caused by vibration and heat
- Easy to install with standard air brake nuts and sleeves
- No special fittings or adapters needed
- Replaces Weatherhead Nos. WTY024 and WTY036

Part No.	Description	Unit
□10738	24" long	1
□10739	36" long	1

Air Chamber Clamp Nut & Bolt Assembly 4505



- Consists of one 3/8"-24 x 2-7/16" hex head bolt with a special radius seat, one 3/8"-24 hex head nut with special radius seat
- Replaces Euclid E-1085

Part No.	Description	Unit
□2066	Air Chamber Clamp Nut & Bolt Assembly	24

Quick Release Valves 4630



- For truck air brake
- Balances air brake chamber pressure with supply pressure
- 3/8" NPTF supply port and 3/8" NPTF delivery ports
- Normal function is closed; valve is self-relieving
- 0 psi crack pressure

Part No.	Description	Unit
-2109-1	Quick Release Valves	1

Springs 4586



- Air brake hose line
- 13-1/4" long
- 1" O.D.

Part No.	Description	Unit
8581	Springs	5

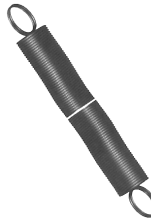
Hose Holding Springs 21341



- 1-1/8" x 25-1/2"
- Heavy-Duty Vacuum Springs
- Hose & Cable Support Spring
- 3/4" x 25-12-1/2"

Part No.	Description	Unit
KP9746	¾" dia. x 12½" L	5

Springs 4587



- Vacuum line
- 25-1/4" long
- 1-3/16" O.D.
- Holds up vacuum lines on rear of cab of all tractors for hauling trailers

Part No.	Description	Unit
8580	Springs	1

Air Conditioning O-Rings 2374

GM O-Ring



- For GM liquid lines when the O-ring is in a captive groove
- For R-12 freon systems only

Part No.	Description	Unit
9614	GM O-Ring	10

Universal O-Ring 2375



- Made of Neoprene
- Specially compounded for air conditioning refrigerant and connections on R-12 freon systems

Part No.	Width (In.)	ID (In.)	OD (In.)	Unit
□9601	¼	¾	¾	25
9602	¼	¾	¾	25
9603	¼	¾	¾	25
9604	¼	¾	1¼	25
9605	¼	1¼	1¾	25
9606	¼	1¾	1¾	25

Ford Spring-Lock Coupling O-Rings 2370



- For HFC R12 and R134A air conditioning systems
- HSN or HNBR material
- Green color
- Made specifically for Ford Spring-Lock Garter Springs
- For use on:
86/ . Ford, Mercury cars and light trucks

Part No.	Description / Application	I.D. (In.)	O.D. (In.)	Thickness (In.)	Unit
KP77889	No. 10 Ford ¾, Ford Spring Lock Coupling	½	¾	¼	10
KP77891	No. 12, For ¾ Ford Spring Lock Coupling and expansion valve	¾	1¾	¼	10

Ford Air Conditioning O-Rings 2371



- For HFC R12 and R134A air conditioning systems
- HSN or HNBR material
- Green color
- For use on:
92/ . Ford cars and light trucks

Continued on next page

J
229

Vehicle

□Vendor Stocked

Page G-1

Page H-1

Page I-1

Page J-1

Page K-1

Page L-1

Page M-1

Page N-1

Page O-1

MATERIAL HANDLING/
HARDWARE/RUBBER

TOOLS &
ABRASIVES

ELECTRICAL

VEHICLE

SECURITY
PRODUCTS

WELDING

TECHNICAL
DATA

ALPHA
INDEX

PART NO.
INDEX

Air Conditioning-Automotive

Continued from previous page

Part No.	Description/ Application	I.D. (In.)	O.D. (In.)	Thickness (In.)	Unit
9222	Oval Seal Ring for FS6 and Nippondenso Compressors; $\frac{85}{16}$ Ford	$\frac{3}{4}$	$1\frac{1}{16}$	$\frac{1}{8}$	25
9223	For Harrison FX15 and 6C17 Compressor Manifolds	$1\frac{1}{16}$	$1\frac{1}{8}$	$\frac{1}{8}$	25
-9223-1	For Harrison Compressor Switch Ports; Ford	$\frac{7}{8}$	$1\frac{1}{8}$	$\frac{3}{32}$	25
KP152272	12mm for York Compressor Oil Filler Plug, Chrysler Low Pressure Limit Switch, All Pressure Relief Valve	$\frac{5}{8}$	$\frac{1}{2}$	$\frac{1}{16}$	10

Automotive Air Conditioning O-Rings

20624



J
230

Vehicle

Part No.	Ind. No.	Description/ Application	Color	Unit
KP77886	011	Standard #6 ftg. size	Blue	10
KP77888	013	Standard #8 ftg. size	Blue	10
KP77889	015	Standard #10 ftg. size	Green	10
KP77890	015	Standard #10 ftg. size	Blue	10
KP77891	017	Standard #12 ftg. size	Green	10
KP77892	017	Standard #12 ftg. size	Blue	10
KP77893		Captured #6 ftg. size	Blue	10
KP77894		Captured #8 ftg. size	Blue	10
KP77895		Captured #10 ftg. size	Blue	10
KP77896		Captured #12 ftg. size	Blue	10
KP77897	012	Compression #6 ftg. size	Green	10
KP77898	012	Compression #6 ftg. size	Blue	10
KP77899	014	Compression #8 ftg. size	Blue	10
KP77900	016	Compression #10 ftg. size	Green	10
KP77901		Compression #12 ftg. size	Green	10
KP77902	008	Specialty Capillary Tube	Blue	10
KP77903	010	Specialty Oil Tube	Blue	10
KP77904		Specialty oval cross section	Red	10
KP77905		Specialty oval cross section	Blue	10

Air Conditioning O-Rings

20625

GM Sealing Washers - Metal & Rubber



Part No.	Description/ Application	Unit
KP77917	$\frac{5}{8}$ " Dia.-Thick Style	10
KP77918	$\frac{5}{8}$ " Dia.-Thin Style	10
KP77919	$\frac{5}{8}$ " Dia.-Thin Style	10

Vendor Stocked

Page A-1

Page B-1

Page C-1

Page D-1

Page E-1

Page F-1

ASSORTMENTS
& CABINETS

FASTENERS

FITTINGS & HOSE

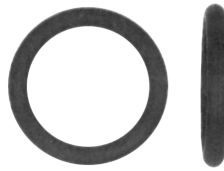
CHEMICALS

MAINTENANCE &
SHOP SUPPLIES

SAFETY SUPPLIES

GM, Ford, Chrysler O-Rings

2379



- For HFC R12 and R134A air conditioning systems
- Blue neoprene (except for 9258 - red neoprene)

Part No.	Description/ Application	I.D. (In.)	O.D. (In.)	Thickness (In.)	Unit
9250	Oval O-Ring for GM Harrison (Frigidaire) Compressor Suction & Discharge Ports; GM Compressors	$\frac{29}{32}$	$1\frac{1}{8}$	$\frac{1}{8}$	25
KP152275	For GM Dual O-Ring Fittings, $\frac{1}{2}$ Tube O.D.	$\frac{3}{8}$	$1\frac{7}{32}$	$\frac{1}{16}$	10
KP152268	For GM Dual O-Ring Fittings, $\frac{3}{8}$ Tube O.D.	$\frac{15}{32}$	$\frac{5}{8}$	$\frac{1}{16}$	10
9253	For GM Dual O-Ring Fittings $\frac{3}{4}$ " Tube O.D.D.	$\frac{19}{32}$	$\frac{3}{4}$	$\frac{1}{16}$	25
KP152243	For GM Harrison (Frigidaire) Compressor Tube and Schrader	$\frac{1}{4}$	$\frac{13}{32}$	$\frac{5}{64}$	10
9255	For GM Harrison (Frigidaire) Compressor Seat (Shaft Seal Seat)	$1\frac{1}{4}$	$1\frac{1}{8}$	$\frac{3}{32}$	25
KP77897	For Chrysler & Ford Clutch Cycling Compressors Switchers, No. 6 Fitting Size	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{1}{16}$	10
KP77899	For Chrysler Liquid Line at Expansion Valve No. 8 Fitting Size	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{1}{16}$	10
KP152262	For Ford FS6 Compressor Hose Fitting (Nippon Compressor)	$\frac{11}{16}$	$\frac{7}{8}$	$\frac{3}{32}$	10
9259	For Sanden (Sankyo) Compressor Discharge Port	$\frac{19}{32}$	$\frac{25}{32}$	$\frac{3}{32}$	25
9260	For GM Harrison (Frigidaire) Compressor Fan, Super Heat, High side Cut-out, & High Side Pressure Switches	$\frac{13}{16}$	$1\frac{1}{8}$	$\frac{1}{8}$	25
KP152258	For No. 10 ($\frac{1}{2}$ I.D.) GM Captured O-Ring	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{32}$	10
9262	POA & Suction Throttling Valve Bleed & Equalizer Fittings ($\frac{1}{4}$ " I.D.)	$\frac{5}{32}$	$\frac{9}{32}$	$\frac{1}{16}$	25

Part No.	Description/ Application	I.D. (In.)	O.D. (In.)	Thickness (In.)	Unit
KP152256	New Design GM Captured O-Ring, For No. 8 ($\frac{13}{32}$) Hose Fitting	$\frac{3}{8}$	$\frac{9}{16}$	$\frac{3}{32}$	10
9264	No. 6 For Ford Spring Lock Coupling	$\frac{5}{16}$	$\frac{7}{16}$	$\frac{1}{16}$	25
9265	New Design GM Captured O-Ring; For No. 12 ($\frac{3}{8}$) Hose Fitting	$\frac{9}{16}$	$\frac{3}{4}$	$\frac{3}{32}$	25
9267	12mm for York Compressor Oil Filler Plug, Chrysler Low Pressure Limit Switch, All Pressure Relief Valves, Small Quick Disconnect Fittings, & Clutch Cycling Switches; No. 6 Fitting Size	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{1}{16}$	25
9268	For No. 10 ($\frac{1}{2}$ " I.D.) Hose Fittings & Tube O-Ring Compressor Fittings	$\frac{9}{16}$	$1\frac{1}{16}$	$\frac{1}{16}$	25
9269	For Ford Compressor, York Mini 206; No. 10 Hose Fitting	$\frac{5}{8}$	$\frac{25}{32}$	$\frac{3}{64}$	25
9270	For No. 12 ($\frac{3}{8}$ " I.D.) Hose Fitting & VIR Expansion Valve (Lower)	$\frac{15}{32}$	$1\frac{3}{16}$	$\frac{1}{16}$	25
KP77901	For Larger Size Quick Disconnect Fittings, No. 12 Hose Fittings	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{1}{16}$	10
9272	For Ford Compressor & Chrysler Evaporator Core Suction Plate & Expansion Valves	$\frac{7}{32}$	$1\frac{1}{8}$	$\frac{3}{64}$	25
KP152255	New Design GM Captured O-Ring For Use With No. 6 (5.16 I.D.) Hose Fittings	$\frac{1}{4}$	$\frac{7}{16}$	$\frac{3}{32}$	10

O-Rings for R12-R134A

15007



For #12 Compression Fitting

- ID $\frac{3}{4}$ " OD $\frac{7}{8}$ " x $\frac{1}{16}$ "

Continued on next page

Air Conditioning-Automotive

Continued from previous page

Part No.	Color	Unit
9271	Blue	25

For R4 Compressor

- Suction/discharge
- Port O-Ring ID 27/32" OD 1-1/8" x 9/64"

Part No.	Color	Unit
9272	Blue	25

Zexel (Diesel Kiki) & Sanden Service Valve

- Nipp. 6P148
- Suction discharge
- Sanden Mazda
- Pad Suction
- ID 19/32" OD 25/32" x 3/32

Part No.	Color	Unit
9259	Blue	25

#10 Captured O-Ring

- Delco ref. 15-3612 or 15-3985
- ID 1/2" OD 5/8" x 3/32"

Part No.	Color	Unit
9261	Blue	25

#12 Captured O-Ring

- .5491 ID Accumulator fitting
- Ref. Delco 15-3491
- GM carbon seat for A6 & R4
- ID 9/16 OD 3/4 x 3/32

Part No.	Color	Unit
9265	Blue	25

Chrysler 6C17 Switch Port GM Superheat/Pressure Switch

- ID 13/16" OD 1-1/16" x 1/8"

Part No.	Color	Unit
9260	Blue	25

GM Dual O-Ring

- Delco 15-3982
- Replaces 15-3917
- ID 15/32" OD 5/8" x 1/16"

Part No.	Color	Unit
9252	Blue	25

GM Dual O-Ring

- Delco 15-3983
- Replaces 15-3918
- ID 19/32" OD 3/4" x 1/16"

Part No.	Color	Unit
9253	Blue	25

#6 Standard O-Ring

- #6 Ford Spring Lock (Green)
- Nissan #10 for fitting and Drier
- VIR pick-up tube
- Ford expansion valve
- DA6 discharge crossover seal
- ID 5/16" OD 7/16" x 1/16"

Part No.	Color	Unit
9264	Green	25

#8 Standard O-Ring

- #8 Ford Spring Lock (Green)
- Nissan #12 for fitting and Drier
- VIR pick-up tube
- Ford expansion valve
- DA6 Discharge crossover seal
- ID 13/32" OD 7/17" x 1/16"

Part No.	Color	Unit
9103	Green	25

#6 Compression Fitting O-Ring

- #6 Compression fitting
- Ford pressure switch-clutch cycling system
- GM pressure valve
- Toyota pressure valve
- Two cylinder York oil plug
- 6C17 Chrysler pressure relief valve
- 6C17 Chrysler large control valve
- FX105V control valve-Mitsubishi
- GM V.5 Control valve
- ID 3/8" OD 1/2" x 1/16"

Part No.	Color	Unit
9267	Blue	25

#8 Compression Fitting O-Ring

- For #8 compression hose fitting
- ID 1/2" OD 7/8" x 1/16"

Part No.	Color	Unit
9257	Blue	25

#10 Compression Fitting O-Ring

- For #10 compression hose fitting
- For #12 Fitting size O-ring
- Hitachi shaft seal
- ID 5/8" OD 25/32" x 5/64"

Part No.	Color	Unit
9269	Blue	25

#10 Standard O-Ring #10 Ford Spring Lock

- For #5/8
- Sensor housing TV 14 C Nippondenso
- Evaporator Suction line-Nissan
- Suction line - Toyota
- ID 1/2" OD 21/32" x 1/16"

Part No.	Color	Unit
9104	Green	25

#12 Standard O-Ring #12 Ford Spring Lock

- For #3/4
- Outer 6C17 small control valve-Chrysler
- GM V5 control valve-center
- VIR expansion valve-lower
- VIR expansion valve outer seal
- VIR suction compressor line
- ID 5/8" OD 1/16" x 1/16"

Part No.	Color	Unit
9270	Blue	25

GM Capillary Tube O-Ring

- GM and Volvo
- ID 5/32" OD 9/32" x 1/16"

Part No.	Color	Unit
9262	Blue	25

Block Expansion Valve O-Ring

- Chrysler products

Part No.	Color	Unit
C23829	Green	25

Chrysler Block Expansion Valve O-Ring

15142



- Green for R12 & R134A

Part No.	Description	Unit
C23829	Chrysler O-ring	10

V.I.R. Liquid Bleed Line "O" Ring

15191



- 5mm for #6 hose fittings
- Green for R12 and R134A

Part No.	Unit
C23817	10

Liquid Line Seal

15192



- 7mm Green for R12 & R134A

Part No.	Unit
C23818	10

Fits Ford Block Expansion Valve

15193



- 6mm for #8 (13/32) hose fitting
- Green for R12 & R134A

Part No.	Unit
C23819	10

J
231

Vehicle

Vendor Stocked

Page G-1

Page H-1

Page I-1

Page J-1

Page K-1

Page L-1

Page M-1

Page N-1

Page O-1

MATERIAL HANDLING/
HARDWARE/RUBBER

TOOLS &
ABRASIVES

ELECTRICAL

VEHICLE

SECURITY
PRODUCTS

WELDING

TECHNICAL
DATA

ALPHA
INDEX

PART NO.
INDEX

Air Conditioning-Automotive

V.I.R. Sightglass O-Ring

15194



- Nissan condenser liquid line
- Hitachi A5000/MJS170 compressor
- Service valve
- Green for R12 & R134A

Part No.	Unit
C23823	10

Nissan Compressor Discharge Flange O-Ring

15195



- Green for R12 & R134A

Part No.	Unit
C23826	10

Ford Garter Springs

Ford Spring Lock Coupling Seal & Spring Kit

15159

J
232



- Contains: 5 each #6, 8, 10, 12 green seals and garter springs

Part No.	Description	Unit
C39938	Seal & Spring Kit	1



- Ford spring lock
- Coupling ring 3/8"
- Garter spring #6

Part No.	Description	Unit
9100	Ford Spring Lock	25

- Ford spring lock
- Coupling ring 1/2"
- Garter spring #8

Part No.	Description	Unit
9615	Ford Spring Lock	25

- Ford spring lock
- Coupling ring 5/8"
- Garter spring #10

Part No.	Description	Unit
9616	Ford Spring Lock	25

- Ford spring lock
- Coupling ring 3/4"
- Garter spring #12

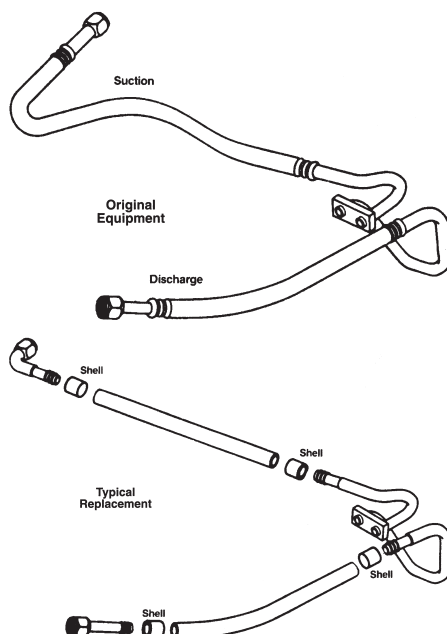
Part No.	Description	Unit
9101	Ford Spring Lock	25

Air Conditioning Fittings

Typical Repairs that Can Be Performed with Mini-Crimp™

2367

NOTE: All fittings supplied with clamps and O-rings where necessary.



Typical Replacement

NOTE: 1. Most original equipment hose and assemblies may be replaced with the use of the proper fittings and hose found in this section (see below).
2. Nylon hose assemblies can be replaced with rubber refrigerant hose and fittings found in this section.

General Fitting & Size Terminology

2368

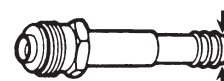
To help the designers and field service people, it is important to understand the description of the various fittings used in air conditioning service. In order that the service people understand the relationship between fittings and hose or fitting to fitting, the following is offered:

Hose Size

Air conditioning hose has inside diameters which are smaller than the nominal description would indicate. For example, No. 8 or 1/2" hose has an I.D. of 13/32". Note that the air conditioning hose can always be determined by measuring outside diameter of the hose. See chart below.

Determine Hose Size Required

Measuring tube O.D. pilot section (not barbs) determines I.D. of hose required.
E.g.: tube O.D. of 5/8" would fit a No. 6 hose with I.D. of 5/8".



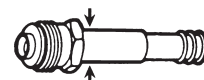
Fitting Sizes

Various methods are used in the field to describe a fitting. While we use the fractional description, we call attention to other descriptions. For example, a 3/8" fitting might also be called a No. 6 fitting (3/8"=3/8") or it may be called 3/8"-18 which would be the proper description of the threads.

In the case of a hose fitting, the opposite end of the fitting will be designed for a particular size hose. Since many "jump sizes" are made for the industry, it therefore becomes necessary to describe both ends of the fitting with accuracy. For example, a 3/8" fitting for a No. 8 hose would be a jump size fitting because normally a 3/8" fitting would be used with a No. 6 (3/8") hose having a true I.D. of 3/8". Therefore, in our listings of fittings we describe the fitting size, the thread size, and the hose size for which the fitting is designed. See the chart below.

Determine Fitting Size

The tube diameter at point behind nut indicates nominal fitting size.
E.g.: 3/8", 1/2", 5/8" or 3/4".



Size	I.D. (In.)	Rubber Hose O.D.*	Nylon Hose O.D.
5	1/4		29/64 — 29/64
6	5/16	3/4	29/64 — 31/64
8	13/32	29/32	
10	1/2	1	43/64 — 45/64
12	5/8	1 1/8	

* Diameters shown apply to two-braid hose. One-braid hose is approximately 1/32" O.D. smaller.

Thread Size For

		SAE 45° Flare or	
		Tube O-Ring	Tube O-Ring
		Bead Female or	Bead Male or
		Tube O-Ring	Tube O-Ring
Fitting Size			
Fraction (In.)	Number	Flare Male	Flare Female
3/8	6	3/8" — 18	3/8" — 18
1/2	8	3/4" — 16	3/4" — 18
5/8	10	7/8" — 14	7/8" — 18
3/4	12	1 1/8" — 14	1 1/8" — 16

☐ Vendor Stocked

Page A-1

ASSORTMENTS
& CABINETS

Page B-1

FASTENERS

Page C-1

FITTINGS & HOSE

Page D-1

CHEMICALS

Page E-1

MAINTENANCE &
SHOP SUPPLIES

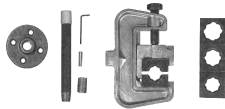
Page F-1

SAFETY SUPPLIES

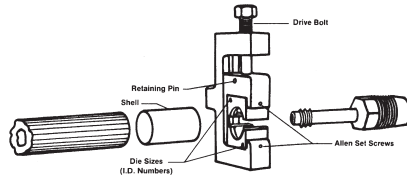
Air Conditioning-Automotive

Mini-Crimp™ Air Conditioning Hose/Fittings Crimping Tool

2408



- For use with R-12 Freon systems only
- Can be held in your hand or mounted on a bench
- Weighs only five pounds
- No electricity, shop air or hydraulic required
- Operated with ratchet and socket or standard wrench
- Portable enough so that repairs can be made on car
- Finished product looks exactly like O.E. hose assembly
- Use with:
 - Hose, part no. 9661 through 9664
 - Crimping shells, part no. series 8055-6, 8, 10, 12
 - Fittings, part no. series 7735 and 8040-6 through 8058-12



How to use Mini-Crimp™ Tool

1. Put shell over hose.
2. Lube selected fittings with refrigerant oil.
3. Put fitting into hose until stop is met.
4. Put proper size die into Mini-Crimp.
5. Put hose/fitting assembly into crimping jaws of the die, aligning hose end of shell flush to both sides of die.
6. Tighten drive bolt until top half of die meets the bottom half die.
7. Loosen drive bolt, remove assembly.

Caution: Torque should not exceed 65 ft. lbs. Do not install with an impact wrench.

Part No.	Description	Unit
8060	Mini-Crimp™ Air Conditioning Hose/Fittings Crimping Tool	1

Mini-Crimp™ Crimping Shells

2409



- Use with:
 - Hose, part no. series 9661
 - Mini-Crimp™ tool part no. 8060
 - Fittings, part no. series 7735 and 8040-6 through 8058-8
 - R-12 Freon systems

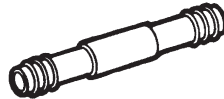
Part No.	Fraction (In.)	Number	Unit
-8055-6	$\frac{5}{16}$	6	10
-8055-8	$\frac{13}{32}$	8	10
-8055-10	$\frac{1}{2}$	10	10
-8055-12	$\frac{5}{8}$	12	10

NOTE: Unit for each size is 10.

Air Conditioning Hose Fittings for R-12 Systems

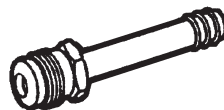
3074

Straight Splicers



Part No.	Type	Hose Size	Fitting Size	Thread Size	Unit
7735	Straight Splicers	6	$\frac{3}{8}$	—	1
7736	Straight Splicers	8	$\frac{1}{2}$	—	1
7737	Straight Splicers	10	$\frac{3}{8}$	—	1
7738	Straight Splicers	12	$\frac{3}{4}$	—	4

Straight Male Flare



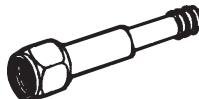
Part No.	Type	Hose Size	Fitting Size	Thread Size	Unit
□-8040-6	Straight Male Flare	6	$\frac{3}{8}$	$\frac{5}{8}$ - 18	1
□-8040-10	Straight Male Flare	10	$\frac{5}{8}$	$\frac{7}{8}$ - 14	1

90° Male Flare



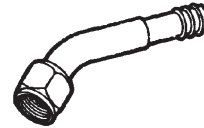
Part No.	Type	Hose Size	Fitting Size	Thread Size	Unit
□-8041-6	90° Male Flare	6	$\frac{3}{8}$	$\frac{5}{8}$ - 18	1
□-8041-8	90° Male Flare	8	$\frac{1}{2}$	$\frac{3}{4}$ - 16	1
□-8041-10	90° Male Flare	10	$\frac{5}{8}$	$\frac{7}{8}$ - 14	1

Straight Female Flare



Part No.	Type	Hose Size	Fitting Size	Thread Size	Unit
□-8042-6	Straight Female Flare	6	$\frac{3}{8}$	$\frac{5}{8}$ - 18	1
□-8042-8	Straight Female Flare	8	$\frac{1}{2}$	$\frac{3}{4}$ - 16	1
□-8042-10	Straight Female Flare	10	$\frac{5}{8}$	$\frac{7}{8}$ - 14	1

45° Female Flare



Part No.	Type	Hose Size	Fitting Size	Thread Size	Unit
□-8043-8	45° Female Flare	8	$\frac{1}{2}$	$\frac{3}{4}$ - 16	1

90° Female Flare



Part No.	Type	Hose Size	Fitting Size	Thread Size	Unit
□-8044-6	90° Female Flare	6	$\frac{3}{8}$	$\frac{5}{8}$ - 18	1
□-8044-8	90° Female Flare	8	$\frac{1}{2}$	$\frac{3}{4}$ - 16	1
□-8044-10	90° Female Flare	10	$\frac{5}{8}$	$\frac{7}{8}$ - 14	1

Straight Male O-Ring



Part No.	Type	Hose Size	Fitting Size	Thread Size	Unit
□-8050-6	Straight Male O-Ring	6	$\frac{3}{8}$	$\frac{5}{8}$ - 18	1
□-8050-8	Straight Male O-Ring	8	$\frac{1}{2}$	$\frac{3}{4}$ - 16	1
□-8050-10	Straight Male O-Ring	10	$\frac{5}{8}$	$\frac{7}{8}$ - 14	1
□-8050-12	Straight Male O-Ring	12	$\frac{3}{4}$	1 $\frac{1}{8}$ - 14	1

Straight Female O-Ring



Part No.	Type	Hose Size	Fitting Size	Thread Size	Unit
-8052-8	Straight Female O-Ring	8	$\frac{1}{2}$	$\frac{3}{4}$ - 16	1
□-8052-10	Straight Female O-Ring	10	$\frac{5}{8}$	$\frac{7}{8}$ - 14	1

Continued on next page

J
233

Vehicle

□ Vendor Stocked

Page G-1

Page H-1

Page I-1

Page J-1

Page K-1

Page L-1

Page M-1

Page N-1

Page O-1

MATERIAL HANDLING/
HARDWARE/RUBBER

TOOLS &
ABRASIVES

ELECTRICAL

VEHICLE

SECURITY
PRODUCTS

WELDING

TECHNICAL
DATA

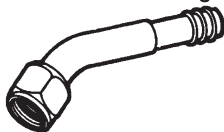
ALPHA
INDEX

PART NO.
INDEX

Air Conditioning-Automotive

Continued from previous page

45° Female O-Ring



Part No.	Type	Hose Size	Fitting Size	Thread Size	Unit
8053-6	45° Female O-Ring	6	3/8	3/8 - 18	1
8053-8	45° Female O-Ring	8	1/2	3/4 - 16	1
8053-10	45° Female O-Ring	10	3/8	7/8 - 14	1
8053-12	45° Female O-Ring	12	3/4	1 1/8 - 14	1

90° Female O-Ring



Part No.	Type	Hose Size	Fitting Size	Thread Size	Unit
8054-6	90° Female O-Ring	6	3/8	3/8 - 18	1
8054-8	90° Female O-Ring	8	1/2	3/4 - 16	1
8054-12	90° Female O-Ring	12	3/4	1 1/8 - 14	1

NOTE: Fittings may be supplied in either aluminum or steel. Fitting style or design may be different than line drawing.

NOTE: Each fitting contains O-rings as required.

Air Conditioning Hose

Nylon Barrier Refrigerant Hose



- Compatible with 134A and R-12 refrigerant
- Two polyester spiral reinforcement
- EPDM cover
- -35°C to +120°C temperature range
- Meets proposed specification J2064
- Ozone friendly; reduces seepage of refrigerant through side wall of hose
- Improved bend radius over J51 hose
- 25-foot roll
- For use on:
 - 90/. Domestic and foreign cars and trucks

Part No.	Hose I.D. (In.)	Ind. Dash No.	Working psi (bar)	Min. Bend Radius Inch (mm)	Unit
9621	3/16	6	350 24	4 — 102	1
9622	13/32	8	350 24	4.5 — 114	1
9623	1/2	10	350 24	5 — 127	1
9624	5/8	12	250 24	6.5 — 165	1

Miscellaneous Parts

Air Conditioner Service Port Adapter



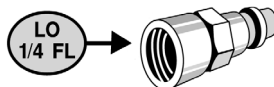
- Adapts small port to large port on high side GM and Ford air conditioning systems
- Fits GM cars after 9/1/75 and '81 and '82 Ford cars

Part No.	Description	Unit
8090	Air Conditioner Service Port Adapter	1

AC Retrofit Adaptors

- The Retrofit system is designed to convert the AC R-12 automotive air conditioner to the new R134A AC system

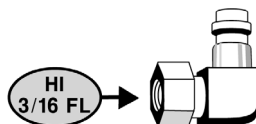
Adaptor



- 1/4 FL LO Side
- Straight (7/16-20 SAE)
- Fits: GM, Ford, Chrysler, Import

Part No.	Unit
C25023	1

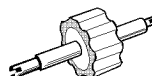
Adaptor



- 90 Degree HI side
- 3/16 FL (3/8-24 SAE)
- Fits: GM, Ford, Chrysler, Import

Part No.	Unit
C25027	1

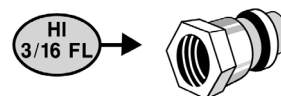
AC Valve Core



- Remover and installer

Part No.	Unit
C25034	1

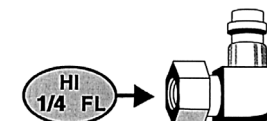
Adaptor



- 3/16 FL HI Side
- Straight (3/8-24 SAE)
- Fits: GM, Ford, Chrysler, Import

Part No.	Unit
C25024	1

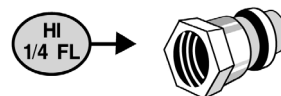
Adaptor



- 90 Degree HI side
- 1/4 FL (7/16-20 SAE)
- Fits: GM, Ford, Chrysler, Import

Part No.	Unit
C25028	1

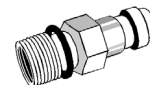
Adaptor



- 1/4 FL HI Side
- Straight (7/16-20 SAE)
- Fits: GM, Ford, Chrysler, Import

Part No.	Unit
C25025	1

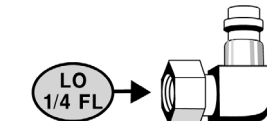
GM Primary



- Retrofit adaptor
- Fits: GM products

Part No.	Unit
C25029	1

Adaptor



- 90 Degree LO Side
- 1/4 FL (7/16-20 SAE)

Part No.	Unit
C25026	1

Continued on next page

J
234

Vehicle

Vendor Stocked

Page A-1

Page B-1

Page C-1

Page D-1

Page E-1

Page F-1

ASSORTMENTS
& CABINETS

FASTENERS

FITTINGS & HOSE

CHEMICALS

MAINTENANCE &
SHOP SUPPLIES

SAFETY SUPPLIES

Air Conditioning-Automotive

Continued from previous page
Termination Cap



- For 1/4 FL
- 7/16-20 SAE

Part No.	Unit
C25030	5

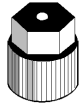
Termination Cap



- For 3/16 FL
- 3/8-24 SAE

Part No.	Unit
C25031	5

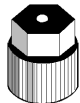
Spare Cap



- Hi Side
- Red 16mm seal cap

Part No.	Unit
C25032	5

Spare Cap



- LO Side
- Blue 13mm seal cap

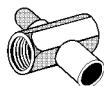
Part No.	Unit
C25033	5

Retrofitting Labels



Part No.	Unit
C25036	20

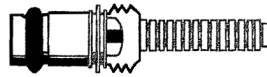
Access Service Port



- Thread restorer

Part No.	Unit
C25035	1

Schrader Core



- For R12 refrigerant systems only
- For GM products 1985/with large size cores
- Murray 209586

Part No.	Description	Unit
C8883687	R12 refrigerant systems only	5

Schrader Core



- For R12 refrigerant systems only
- Use with all fittings
- Murray 209578

Part No.	Description	Unit
C8883686	R12 refrigerant systems only	5

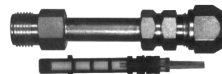
Ford Expansion Tube



- Replacement for evaporator repair kit, part no. 7435
- 81/83 Ford (FOTCC) blue/white

Part No.	Description	Unit
6877	Ford Expansion Tube	1

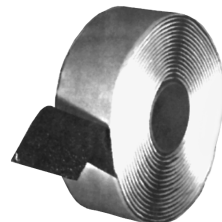
Ford & GM Evaporator Repair Kit



- Complete with new orifice tube and instructions
- For cars equipped with orifice tube systems

Part No.	Description	Unit
7435	Ford & GM Evaporator Repair Kit	1

Automotive Air Conditioner Insulation Tape



- Insulates, protects, and seals in high heat areas
- Sticks to metal or rubber surfaces
- For expansion valve suction lines, evaporator fittings, under hood and truck roof top, and special custom installations

Part No.	Thickness (In.)	Width (In.)	Ft. per Roll	Unit
21466	1/8	2	30	1 RL

Leak Detector

100 Watt Megalite Kit



Contains:

- Right angle 12 volt 100 Watt Black lite
- With 16 ft. cord-battery clip ends
- UV glasses
- Rugged storage case

Part No.	Unit
C29059	1

AC Leak Detector Injection Kits For R12 & R134A AC Systems



- No mess
- No spills
- No loss of refrigerant
- Simply hook the Spot Gun up to the service port and pull the trigger
- 1/4" oz. of dye is injected into the AC system

Kit Contains:

- Spot Gun
- R12 and R134A adapters
- One 8 oz. (240ml) jumbo dye-cartridge
- Service stickers
- UV lights not included

Part No.	Unit
C29057	1

Dye Cartridge 8 oz.



- For R12 and R134A AC systems
- One cartridge services 32 vehicles
- 100% safe
- Can be left in the AC system for life

Part No.	Unit
C29060	1

J
235

Vehicle

Vendor Stocked

Page G-1

MATERIAL HANDLING/
HARDWARE/RUBBER

Page H-1

TOOLS &
ABRASIVES

Page I-1

ELECTRICAL

Page J-1

VEHICLE

Page K-1

SECURITY
PRODUCTS

Page L-1

WELDING

Page M-1

TECHNICAL
DATA

Page N-1

ALPHA
INDEX

Page O-1

PART NO.
INDEX

Air Conditioning-Automotive/Engine-Miscellaneous

Universal A/C Dye

16306



- Certified to meet SAE J-2297 dye standards
- Compatible with all refrigerants and oils

Part No.	Description	Unit
KP84505	¼ oz. bottle	24
C29204	1 oz. bottle/30 ml	1
C29205	8 oz. bottle/240 ml	1

Multi-Purpose Oil Dye

16307

- For engine oil, transmission, hydraulic, power steering, gasoline and diesel fuel systems

Part No.	Description	Unit
C27909	1 oz. bottle/30 ml	1

Radiator Coolant Dye

16308

- For detection leaks in radiators, hoses/fittings, water pumps and head gaskets

Part No.	Description	Unit
C27910	1 oz. bottle/30 ml	1

Pag Oil Injector Kit

15211

For Injecting Pag Oil into AC system

J
236



Kit Contains:

- Injector gun for 8 oz. oil cartridge
- Disposable 8 oz. 125 Viscosity Pag oil (GM approved oil #9985752)

Part No.	Unit
C29061	1

Pag Oil 8 oz. Disposable Cartridge

15212



- 125 viscosity (GM approved oil #9985752)

Part No.	Unit
C29062	1

Refrigerant Oil for Auto Air Conditioner Systems

2381



- 500 viscosity
- Completely dehydrated
- Wax free
- Non-foaming
- Lubricates all internal compressor parts
- Universal; may be used on all air conditioner compressors using R12 refrigerant
- 32 fl. oz. plastic bottle

Part No.	Description	Unit
C21490	Refrigerant Oil for Auto Air Conditioner Systems	1

Radiator Caps

Universal Radiator Caps With Safety Release

1762



- Meets OEM specifications
- For open and closed coolant systems

Part No.	Press. Rating (Lbs.)	Unit
-21000-7	7	2
-21000-14	12-14	2

Radiator Cap Cross Reference

Part No.	Robertshaw	AC	Dole	Edelmann	Gates
-21000-7	RSP 9	—	DRS-9L	ESP-9	31507
-21000-14	RSP 12	—	DRS-16L	ESP-12	31514

Part No.	Ideal	Motorcraft	Rex	Stant
-21000-7	46013	RL-9	PL7	SP28
-21000-14	46014	RL-12	PL14	SP29

Universal Radiator Caps

1764



- Meets OEM specifications
- For open and closed coolant systems

Part No.	Press. Rating (Lbs.)	Unit
21005	7	5
21007*	7	5
21002	12-14	5
21001	15-18	5

* For Trucks

Radiator Cap Cross Reference

Part No.	Robertshaw	AC	Dole	Edelmann	Gates
21005	RR 24	RC38	DR-30	ER-20	31316
21007	RR 22	—	DR-31	ER-19	31311
21002	RR 18	RC27,29	DR-29	ER-18	31318

Part No.	Ideal	Motorcraft	Rex	Stant
21005	46011	RS-56	—	R28
21002	46010	—	RA14	R29
21001	46009	RS-43,51,53	RA17	R30

Thermostat Gaskets

Gaskets Sheets - Vellumoid

30979



- Vellumoid sheets can be used at temperatures up to 250° F
- For light to moderate applications

Part No.	Thickness (In.)	Width (In.)	Length (In.)	Unit
KP68504	¼	12	40	5
KP68505	½	12	40	5
KP68506	¾	12	39	3
KP75373	¼	24	40	3
KP75374	½	24	40	3
KP75375	¾	24	39	3

Drain Plug Gaskets

Saturn Rubber Drain Plug Gasket

5116



- For Saturn 12mm oil drain plug 21006725 or Bowman No. 1013
- Rubber
- To be used with second design style Saturn drain plug only

Part No.	Description	Unit
KP86094	Saturn Rubber Drain Plug Gasket	10

Copper/Crush Type Gasket

5134



- 1/2" Standard I.D.
- Drain plugs 225, 3769

Part No.	Description	Unit
1045	Copper/Crush Type Gasket	50
MP1045	Copper/Crush Type Gasket	25

Vendor Stocked

Page A-1

ASSORTMENTS
& CABINETS

Page B-1

FASTENERS

Page C-1

FITTINGS & HOSE

Page D-1

CHEMICALS

Page E-1

MAINTENANCE &
SHOP SUPPLIES

Page F-1

SAFETY SUPPLIES

Oversize Copper/Crush Type Gasket

5135



- 1/2" Oversize
- Drain plug 7008-A

Part No.	Description	Unit
1069	Oversize Copper/Crush Type Gasket	50
MP1069	Oversize Copper/Crush Type Gasket	25

Nylon Drain Plug Gasket

5145



- 12mm I.D. x 25mm O.D. x 2mm thick
- Nylon
- Drain plug 10017615

Part No.	Description	Unit
1047	Nylon Drain Plug Gasket	50
MP1047	Nylon Drain Plug Gasket	25

GM Oil Pan Gasket

14961

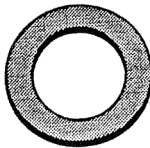


- Rubber inset gasket for use with C23717, C23718, and C21719 plugs

Part No.	Description	Unit
C23703	Oil Pan Gasket	10

Toyota Drain Plug

14962



- Replaces 90430-12031
- Teflon coated gasket
- Size: 12mm

Part No.	Description	Unit
C23704	Teflon Coated Gasket	10

Nylon Drain Plug Gasket

5141



- M14
- Nylon
- Drain plugs 7, 10

Part No.	Description	Unit
8	Nylon Drain Plug Gasket	50
MP8	Nylon Drain Plug Gasket	20

Hyundai/Mitsubishi Oil Pan Gasket

14976



- Fold-over metal gasket

Part No.	Size	Unit
C23715	14mm	10

Subaru Oil Pan Gasket

14977

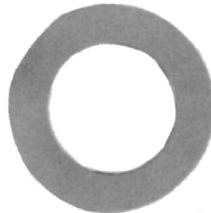


- Fold-over metal gasket

Part No.	Size	Unit
C23716	20mm	10

Nylon Drain Plug Gasket

5146

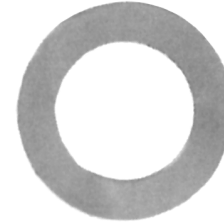


- 16mm
- Nylon
- Drain plug 4321

Part No.	Description	Unit
4441	Nylon Drain Plug Gasket	50

Nylon Drain Plug Gasket

5137

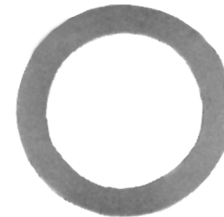


- 18mm
- Nylon
- Drain plug 4324

Part No.	Description	Unit
4444	Nylon Drain Plug Gasket	50

Nylon Drain Plug Gasket

5142



- 20mm
- Nylon
- Drain plug 4322

Part No.	Description	Unit
4442	Nylon Drain Plug Gasket	50

Drain Plug Gasket Nylon

14965



Part No.	Size (In.)	Unit
C23995	$\frac{9}{16}$ x $\frac{15}{16}$	50
KP55097	$\frac{7}{8}$	25

Nylon Drain Plug Gasket

5144



- 1/2" Standard
- Nylon
- Drain plugs 225, 3769

Part No.	Description	Unit
1046	Nylon Drain Plug Gasket	50
MP1046	Nylon Drain Plug Gasket	25

Vehicle

J
237

Vendor Stocked

Page G-1

Page H-1

Page I-1

Page J-1

Page K-1

Page L-1

Page M-1

Page N-1

Page O-1

MATERIAL HANDLING/
HARDWARE/RUBBER

TOOLS &
ABRASIVES

ELECTRICAL

VEHICLE

SECURITY
PRODUCTS

WELDING

TECHNICAL
DATA

ALPHA
INDEX

PART NO.
INDEX

Engine-Miscellaneous

Oil Drain Plug Gaskets

5120



- Molded nylon

Part No.	Size (mm)	Unit
-7806-12	12	25
-7806-12D	12 (double thick)	25
-7806-14	14	25
KP84025	14 (double thick)	25

Double Thick Oil Drain Plug Gaskets

5090



4047

4048

- Nylon fibre material
- Solves oil drain pan leaks where a slight depression is present in the oil drain plug gasket seat or where an imperfect gasket seat is present

Part No.	I.D. (mm)	O.D. (mm)	Thickness (In.)	Application	Unit
4047	12 (.475)	.875	.093	Cars & light trucks using 12mm drain plug	50
4048	18 (.718)	1.125	.093	Toyota cars & light trucks using 18mm drain plug	50

Drain Plug Gasket Rubber/Metal

14971



Part No.	Size (In.)	Unit
C29764	Universal 18mm	10

Sealing Ring/Drain Plug

14972



- Fiber

Part No.	Size	Unit
C34534	I.D. 14mm O.D. 24mm	30

Sealing Ring/Drain Plug

14974



- Copper

Part No.	Size	Unit
C34538	I.D. 12mm O.D. 22mm	30

Fibre Gasket

5139



- Fibre gasket

Part No.	Description	Unit
31475	1/4"	25
KP61391	1/2" 1st Oversize	25
KP61392	2nd Oversize	25
KP61393	1 1/16	25
KP61394	7/8	25

Oil Drain Plug Gasket

5138



- 12mm I.D.
- 25mm O.D.
- Drain plug 10017615

Part No.	Description	Unit
KP86092	Oil Drain Plug Gasket	10

Oil Drain Plug Gasket

14980

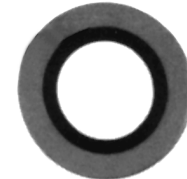


- For 18mm oil drain plugs
- Metal encased

Part No.	Description	Unit
C29764	Universal	10

Oil Drain Plug Gasket

5143

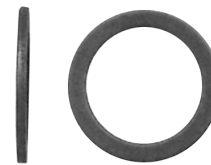


- For 14mm oil drain plugs
- Metal encased

Part No.	Application	Unit
9	89/ . Ford Products	25
MP9	89/ . Ford Products	20

Copper Oil Drain Plug Washer

5088



- 14mm I.D. x 20mm O.D. x 1.60mm thick
- Narrow ring design

Part No.	Application	Unit
4045	Mercedes applications, as needed for OE designed plugs	5

Copper Oil Drain Plug Washer

5089



- 19mm (.755) I.D.
- 25mm (1.00) O.D.
- 1.60mm (.062) thick
- Narrow ring design

Part No.	Application	Unit
4046	Volvo and other 3/4" and 19mm applications, as needed for OE designed plugs	5

J
238

Vehicle

Vendor Stocked

Page A-1

ASSORTMENTS
& CABINETRY

Page B-1

FASTENERS

Page C-1

FITTINGS & HOSE

Page D-1

CHEMICALS

Page E-1

MAINTENANCE &
SHOP SUPPLIES

Page F-1

SAFETY SUPPLIES

Engine-Miscellaneous

Drain Plug Gasket Copper

14981



Part No.	Size (In.)	Unit
KP81696	1/2	25
C23993	3/8 x 1/2	25
KP81697	5/8	25
C23994	3/4 x 1	25
KP83059	1	10

Oil Drain Plug Gasket Copper

14983



Part No.	Size (In.)	Unit
C23994	3/4 x 1	25

Sealing Washers

5171



- Solid aluminum
- For import car applications
- Meets DIN7603 specifications
- For transmission plug, drain plug and universal sealing

Part No.	I.D. (mm)	O.D. (mm)	Thickness (mm)	Application	Unit
4849	12	18	1.5	Universal Seal	25
4851	14	20	1.5	Transmission Seal — VW Mercedes Benz Drain Plug Seal — Mazda	25
4852	14	22	1.5	Drain Plug Seal — Acura, Honda, Hyundai, Saab	25
4862	14	22	2.0	Drain Plug Seal — Honda	25
4856	20	24	1.5	Universal Seal	25
4858	22	27	1.5	Drain Plug Seal — BMW, Porsche 911	25

Sealing Washers

5172



- Solid copper
- For import car applications
- Meets DIN7603 specifications
- For transmission plug, drain plug and universal sealing

Part No.	I.D. (mm)	O.D. (mm)	Thickness (mm)	Unit
4802	6	10	1.0	25
4803	6	12	1.0	25
4804	8	12	1.0	25
KP38123	8	14	1.0	100
4807	10	14	1.0	25
4808	10	16	1.0	25
4809	12	16	1.5	25
4810	12	18	1.5	25
4812	14	18	1.5	25
4813	14	20	1.5	25
KP38107	14	22	1.5	50
KP38100	14	27	1.5	50
4815	16	20	1.5	25
4816	16	22	1.5	25
4818	18	22	1.5	25
4819	18	24	1.5	25
997937	20	24	1.5	25
4822	20	26	2.0	25
KP38115	22	22	1.5	50
KP38118	26	26	2.0	50

Sealing Ring

14985



- Copper crush
- Mercedes 300, VW 1, 2, 4

Part No.	Size	Unit
C34524	12mm x 18mm	25

Sealing Ring

14987



- Copper crush
- Mitsubishi, VW 815-2

Part No.	Size	Unit
C34525	14mm x 20mm	25

Sealing Ring

14990



- Copper crush
- Datsun/Nissan (all) 1962-up and Renault Gas 1980-up

Part No.	Size	Unit
C34526	16mm x 22mm	25

Sealing Ring

14990



- Copper crush

Part No.	Size	Unit
C34527	18mm x 24mm	25

Sealing Ring

14991



- Copper crush

Part No.	Size	Unit
C34528	20mm x 26mm	25

Vehicle

Vendor Stocked

Page G-1

Page H-1

Page I-1

Page J-1

Page K-1

Page L-1

Page M-1

Page N-1

Page O-1

MATERIAL HANDLING/
HARDWARE/RUBBER

TOOLS &
ABRASIVES

ELECTRICAL

VEHICLE

SECURITY
PRODUCTS

WELDING

TECHNICAL
DATA

ALPHA
INDEX

PART NO.
INDEX

Engine-Miscellaneous

Nylon & Copper Drain Plug Gaskets

14992

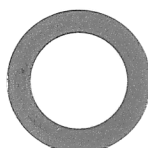


- Resistance to oil, gasoline, acid, and engine heat
- Resist corrosion
- Ideal for fleet and automotive applications
- Copper

Part No.	Plug Size (In.)	Unit
C613410	5/8	25

Drain Plug Gasket

14994



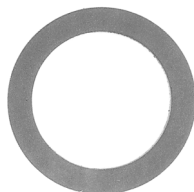
- Fiber
- Mercedes

Part No.	Size	Unit
C97137	12mm	50

Drain Plug Gasket

15000

J
240



- Fiber
- Toyota

Part No.	Size	Unit
C97141	25mm	50

Drain Plug Gasket

15001



- Nylon

Part No.	Size (In.)	Unit
C15418	5/8	60

Vendor Stocked

Page A-1

ASSORTMENTS
& CABINETS

Page B-1

FASTENERS

Page C-1

FITTINGS & HOSE

Page D-1

CHEMICALS

Page E-1

MAINTENANCE &
SHOP SUPPLIES

Page F-1

SAFETY SUPPLIES

Drain Plugs

Drain Plug

14928



- Designed to fit 7/16 in. through double oversize 1/2 in. drain pan holes
- Designed for oil pan drain holes with stripped threads; for best fit, remove stripped threads
- Special neoprene material resists gas, oil, grease

Part No.	Description	Unit
C18167	Drain Plug	5

Standard Drain Plug

5098



- 1/2"-20 standard
- Gaskets 1045, 1046, 31475
- Supplied without gasket
- Chrysler, Ford, GM

Part No.	Description	Unit
225	Standard Drain Plug	10

Standard Drain Plug

5104

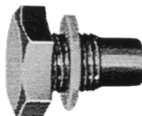


- 1/2" — 20 standard
- Dog point
- Gaskets — 1045, 1046
- Supplied without gasket

Part No.	Application	Unit
3769	Chrysler	10

Oil Drain Plug

14934

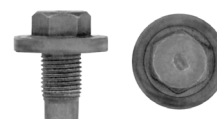


- 1/2-20 1.2 length x 3/4 W.A.F.
- Pilot point, zinc plated, solid forged, case hardened
- AMC, Chrysler, Ford, GMC

Part No.	Description	Unit
C8840131	Drain Plug	10

Chrysler Oil Drain Plug

5117



- 1/2-20
- With moulded rubber gasket

Part No.	Application	Unit
-3768-1/2	90/94 Chrysler Trucks 90/94 Chrysler Cherokee	5

Oil Drain Plug

16286



- 1/2-20
- Plain 7/8 Hex
- AMC, Chrysler, Ford

Part No.	Description	Unit
39674	Oil Drain Plug	5

Standard Oil Drain Plug

5096



- 3/4 x 16
- Exact OE oil drain plug

Part No.	Application	Unit
4037	Volvo 4 cylinder	5

Oversize Self-Tapping Drain Plug

5109



- Self-tapping 1/2" — 20 oversize
- Supplied with gasket

Part No.	Application	Unit
-7008-A	Chrysler, Ford, GM	10